

# Japan PV Committee Japan PV Materials Committee

## Meeting Summary and Minutes

Japan Standards Spring 2014 Meetings  
Friday, March 7, 2014, 3:30 p.m. – 4:50 p.m.  
Conference Room 1, SEMI Japan, Tokyo

### Next Committee Meeting

Friday, July 4, 2014, 1:30 p.m. – 5:00 p.m. <Japan Standard Time>  
Japan Summer 2014 Meetings, Tokyo, Japan

### Committee Announcements (optional)

None

### Table 1 Meeting Attendees

**Co-Chairs:** Masaaki Yamamichi (AIST), Hiromu Takatsuka (Mitsubishi Heavy Industries), Kazuhiko Kashima (GlobalWafers Japan), Terry Asakawa (Tokyo Electron)

**SEMI Staff:** Chie Yanagisawa

**Attendee:** 5 + SEMI: 1

<i>Company</i>	<i>Last</i>	<i>First</i>	<i>Company</i>	<i>Last</i>	<i>First</i>
AIST	Yamamichi	Masaaki	Mitsubishi Electric	Ishihara	Takashi
AIST	Fukuda	Tetsuo	Sumika Chemical Analysis Service	Watanabe	Satoru
Fuji Film	Miyake	Kiyoteru			

\* alphabetical order by company name

## Japan PV Committee

### Table 2 Leadership Changes

<i>Group</i>	<i>Previous Leader</i>	<i>New Leader</i>
Japan Chapter of PV TC	Terry Asakawa (Tokyo Electron) stepped down	Kazuhiko Kashima (GlobalWafers Japan), Masaaki Yamamichi (AIST) and Hiromu Takatsuka (Mitsubishi Heavy Industries) remained.

### Table 3 Ballot Results (or move to Section 4, Ballot Review)

None

### Table 4 Authorized Ballots (or move to Section 7, New Business)

None

### Table 5 Authorized Activities (or move to Section 7, New Business)

None

### Table 6 New Action Items (or move to Section 8, Action Item Review)

None

### Table 7 Previous Meeting Actions Items (or move to Section 8, Action item Review)

None

## Japan PV Materials Committee

### Table 8 Leadership Changes

None

### Table 9 Ballot Results (or move to Section 4, Ballot Review)

None

### Table 10 Authorized Ballots (or move to Section 7, New Business)

#	When	SC/TF/WG	Details
5532	Cycle 3-2014	Japan PV Materials TF	New Standard: Test Method for Measurement of Cracks in PV Silicon Wafers in PV Modules by Laser Scanning

### Table 11 Authorized Activities (or move to Section 7, New Business)

None

### Table 12 New Action Items (or move to Section 8, Action Item Review)

None

### Table 13 Previous Meeting Actions Items (or move to Section 8, Action item Review)

None

## 1 Welcome, Reminders, and Introductions

Masaaki Yamamichi called the meeting to order at 3:30 p.m. The meeting reminders on antitrust issues, intellectual property issues and holding meetings with international attendance were reviewed. Attendees introduced themselves.

## 2 Review of Previous Meeting Minutes

The committee reviewed the minutes of the previous meeting.

<b>Motion:</b>	To approve as written.
<b>By / 2<sup>nd</sup>:</b>	Tetsuo Fukuda (AIST) / Takashi Ishihara (Mitsubishi Electric)
<b>Discussion:</b>	None
<b>Vote:</b>	4-0 Motion passed.

## 3 Liaison Reports

### 3.1 China PV Committee

Chie Yanagisawa (SEMI Japan) reported for the China PV Committee as attached.

**Attachment:** 01\_China Photovoltaic Committee Liaison Report20131125

### 3.2 Europe PV Materials Committee

Chie Yanagisawa reported for the Europe PV Materials Committee as attached.

**Attachment:** 02\_EU PV Materials Liaison Report 20131022

### 3.3 North America PV Materials Committee

Chie Yanagisawa reported for the North America PV Materials Committee as attached.

**Attachment:** 03\_NA Liaison Report PV Materials 20131112

### 3.4 Taiwan PV Committee

Chie Yanagisawa reported for the Taiwan PV Committee as attached.

**Attachment:** 04\_Taiwan Liaison Report for SJ Meeting December 2013\_PV

### 3.5 SEMI Staff Report

Chie Yanagisawa gave the SEMI Staff Report. Of note:

- Global SEMI Events
- Global Standards Meetings Schedule
- Ballot Critical Dates
- Publication Update
- Contact Information

**Attachment:** 05\_SEMI Staff Report 2014 Mar.\_R0.3a

## 4 Ballot Review

None

## 5 Task Force Reports

### 5.1 Japan PV Materials Task Force

Tetsuo Fukuda reported for the Japan PV Materials Task Force Task Force. This report contained information on the draft of Ballot #5532 “*New Standard: Test Method for Measurement of Cracks in PV Silicon Wafers in PV Modules by Laser Scanning*”. The proposal of the ballot submission to Cycle 3 would be made at the new business section later at this meeting.

## 6 Old Business

### 6.1 Step down of Terry Asakawa

Chie Yanagisawa reported the committee that Terry Asakawa (Tokyo Electron) stepped down from the co-chair of the Japan Chapter of PV TC.

## 7 New Business

### 7.1 Proposal of Ballot Submission of Doc. #5532

Tetsuo Fukuda addressed the committee on this topic and the motion was made as follows.

<b>Motion:</b>	To submit Ballot #5532 “ <i>New Standard: Test Method for Measurement of Cracks in PV Silicon Wafers in PV Modules by Laser Scanning</i> ” for Cycle 3-2014
<b>By / 2<sup>nd</sup>:</b>	Tetsuo Fukuda (AIST) / Takashi Ishihara (Mitsubishi Electric)
<b>Discussion:</b>	None
<b>Vote:</b>	4-0 Motion passed.

## 8 Action Item Review

### 8.1 Open Action Items

None

### 8.2 New Action Items

None

## 9 Next Meeting and Adjournment

The next joint meeting of the Japan Chapters of PV TC and PV Materials TC is scheduled for Friday, July 4, 2014 at Standards Summer 2014 Meetings in Tokyo.

Having no further business, a motion was made by Masaaki Yamamichi, co-chair, to adjourn the joint meeting of Japan Chapters of PV TC and PV Materials TC at Conference Room 2, SEMI Japan. The meeting unanimously adjourned at 4:50 p.m.

Respectfully submitted by:

Chie Yanagisawa

Senior Standard Coordinator

SEMI Japan

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Minutes approved by:

Masaaki Yamamichi (AIST), Co-chair	July 4, 2014
Tetsuo Fukuda (AIST), Co-chair	July 4, 2014
Takashi Ishihara (Mitsubishi Electric), Co-chair	July 4, 2014

**Table 14 Index of Available Attachments #1**

#	Title	#	Title
01	China Photovoltaic Committee Liaison Report20131125	04	Taiwan Liaison Report for SJ Meeting December 2013_PV
02	EU PV Materials Liaison Report 20131022	05	SEMI Staff Report 2014 Mar._R0.3a
03	NA Liaison Report PV Materials 20131112		

#1 Due to file size and delivery issues, attachments must be downloaded separately. A .zip file containing all attachments for these minutes is available at [www.semi.org](http://www.semi.org). For additional information or to obtain individual attachments, please contact [SEMI Staff Name] at the contact information above.